File No. 282
1892.

Collection No.

Mysore Residency

Pros. Serial Nos. 1 - 32

Subject.

Introduction of the Irwin Channel and Nullahs & watershed of Ulsoor tank: provision of a Cholera camp: Construction of Contagious Diseases Hospital.

Previous References.	Later References.
F 230/85	F 322/92
F 275/91	F 141/93

MGIPC—PP—50DC.Arch.—07.09.—75-06—89,000.

RESIDENT'S OFFICE.

OFFICE NOTE.

282 — 92.

FILE No. ~~230~~ of 1885.

Selection of Site and Establishment of Cholera Camps:

From the papers put up by the Resident the following particulars have been gleaned -

Sl. No. A

No. 1486 dated 18. Oct. 1881

Major Melthy -

Lt. Sandford

1. In Oct 1881. on a threatened outbreak of Cholera, the Resident Municipal Comm. brought to the notice of the Resident. the desirability of making arrangements for the opening of a Cholera Camp on a site that had been always used for the purpose -

3 days ~~for~~ by ~~record~~ In reply the Resident

Cost would be, and on a
report from the President,
the Estimate Cost was Cancelled
While reporting, the President
said the Military authorities
had objected to the creation
of Cantonment on this
Site, on Sanitary grounds.
4. The matter was then referred
to the Revenue Surveyor, who
was of opinion that, notwithstanding the objection
of the Military authorities, the
Site originally used should
be again used if Cholera
made its appearance.
5. The Major General was then
addressed, by this Office, and
informed that the Site

Pl. N. C
* N. 2087 of 28 Oct 81
Pl. N. D.
@ N. 1858-59/683 of 3 Nov 81
Pl. N. E.
@ N. 2165 of 8 Nov 81
Pl. N. 7.
* N. 1915/706 of 11 Nov 81
Do. Survey
Pl. N. G.
N. 91 of 23 Nov 81

(*Continuation of Note or Precis.*)

near the Eleven Lanes, and
400 yards away from the
Lapper Parade ground, was
selected with the approval
of the Civil Authorities in
1870, and purchased by the
Municipality; and that it was
desirable to continue to use
it for a Cholera Camp unless
there were Objections on
Sanitary grounds — Major
Samuel Pagan in reply strongly
Objected to the Establishment
of a Camp on the site and
was situated too near the
Eleven Lanes, and remarked
that any Cesspools within the
radius of the water Shed

Sd. No- for
& No. 238 of 3rd June 1882

of the Tank would be equally objectionable. Lt. Sandford therefore + said that after such a period it was impossible to use the ground as a Cholera Camp, and asked the Board to select another site.

6. The matter was laid before the Commrs and the selection of a fresh site left by the Board & the President & Secy Surgeon-Genl. No action appears to have been taken in the matter till 1885. In July of that year the President when visiting the Colaba Tank and its feeders # mentioned that the Dep Surgeon General had opened

+ Pl. N. K. N. 629/25 of 17 June 1882

Slip A
Proceedings of 25 July 1881

Pl. N. 4 Letter N. 844 of 28 July 85 para XIV

(Continuation of Note or Precis.)

Dl. N-7
This Camp was Closed in Augt 1885. H.Z.

a Cholera Camp at Dadarkalli in the drainage area of the Tank, which, despite heavy rainfall observed, seemed at variance with what the Duly. authorities said when the Municipality started a Camp in the vicinity of the same Tank.-

7. Mr. Sinclair (Resident) then addressed the Duly. authorities and suggested the advisability of removing the Camp to a more suitable site without the catchment area of the Veloor Tank. The D. S. Genl. on receipt of this Communication called on Mr. Sinclair, & admitted that

Dl. N-5
* N. 1261/650 of 13-8-85

Dl. N-6
* N. 1308/64 of 19-8-85

it was considered
on principle to have such a
Camp in such a locality &
intimated his readiness
to agree to its removal,
if another Site as near
as possible were available
8 for September 1885. The Parish
represented that, as suitable
Sites were not available
within Station limits, the
Superintendent might be
asked for a Site - See
reply The Parish was directed
to consult the

Dep. Surgeon General,
Resident Surgeon &
Senior Surgeon, Bryn Mawr:
and to report on a Site.

Pl. No 9
† No. 1032 of 3. Sept. 85

Pl. No. 10.
‡ No. 1599/78 of 12. Sept. 85

(Continuation of Note or Precis.)

9. The following Plots were
Allotted :- Al. No 16.
Para 2. No. 1386 of 4: Nov: 1865.

No 1 Rev: No 88 or 90 near
Akkitumanahully: fm
Camp fm Richmond Town
Hoolay Environs -

No 2. Rev: No 32 or 36 near
Ulsoor Roads Road. fm
Camp fm Ulsoor Environs.

No 3. The vacant ground
near the Police Tank on
Coles Road, fm Camp fm
Cantonment - St. Johns Hill

10. In the exclusive use of
the Lady: the Dy. P. General
Allotted a Site at the North
Para 4 of do

East Corner of the Lappen Practice Ground, which has approved by the Genl. Commandg.

11. the Resident, when the papers came before him, objected to Site N: 3 as it lay within the Gathering Ground of the C. Mn. Station, and suggested that a Committee be formed to report on Sites 1 and 2 and the Site selected by the Engineers.

Pl. N: 18 † N: 2264-2309 of 16 Nov: 85

Pl. N: 26 † Circ: 5 N: 1899 of 28 Jany: 86

12 The Committee met and were unanimously of opinion that the Site of Chelen Camp was for the following reasons unnecessary in the Case of outbreaks of ordinary

Present.
Asst. Adjt. Genl.
Deputy Surgeon.
President.
Absent.
Dy. Surgr. Genl.
S. S. Surgeon Genl.

Paras 7 of the Report.

(Continuation of Note or Precis.)

Security :-

(a) "that Experience has shown
" that the Establishment of these
" Camps frightens people, they
" fearing they compelled to go to
" them in case of sickness &
" Consequently they will work
" repeal cases of sickness, the
" result being that people die
" unattended in their homes".
" Though this may appear ex-
" traordinary it is absolutely
" the Case."

(b) "that their Establishment, i.e.
" cost of securing land
" erection of buildings, pur-
" chase of furniture, wages
" of Servants etc. will be such
" great and (in the Committee's
" opinion) endless expenditure
" on the municipality.

(C) "that though it is possible
" to get suitable sites within
" a moderate distance ($\frac{1}{2}$ a
" Mile or so) of Elsoor and
" within a not impracticable
" distance (1 Mile or so) from
" Stanley, Camps there would
" be at too great a distance
" to send patients to from
" Blackpully, the Jemedar
" Bigaar etc. which are
" the most populous parts
" of the Station, while owing
" to the circumscribed area
" of the C. Dn. Station, a
" site for a Clinic Camps
" cannot be obtained in
" proximity to the localities
" above referred to without
" being situated in the "

"water Head of the Delsoor
"Lank, while if a Site
"outside Station limits
"is selected, the distance
"becomes too great from
the Camps & Men provided to

13. The Committee recommended that on the outbreak of Cholera or Small pox, Special Med. Subordinates should be entertained to visit people in their houses free of Charge, & that this Course would be more effective & more economical.

Para 4 of the Committees Report.

Para 4 of do

14. As regards the Sites selected they were of opinion that sites on or near about Nos 32, 36, 40, below Delsoor

might be chosen.

5. The following Sites were then decided upon & approved by Mr. Sub-Collector. Ad. No 35 dt. No. 1332/2305 of 13-Aug 86

(a) Site situated on Municipal land close to the Parcherry of AK Kithiriamchully.

(b) Site at the back of the Tamil old mahomedan Burial ground on the old madras Road. No. 42 -

16. Rs 216. was paid as Compensation for three Sites which were formally taken over by the Municipal Engineer

Informn in this para obtained from the Municipal Engr

17. The erection of a permanent Quarantine Shed in the

do.

(Continuation of Note or Precis.)

vicinity of the Railway Stations for the reception of pilgrims arriving at the Stations was brought up for the first time by the Medical Surveyor at the meeting of the Board on the 26. Sept 1889. — The proposal was thrown out by the Commissioners by 4 being for it and 12 against. Submitted.

14-2-89

Rev. Mr Clarke's note above will be useful for reference in case of the establishment of Lebuka-camps having to be considered. But for Dr Dobson's proposal in regard to

18

the establishment of a quarantine
shed is a different idea. It seems
a new one - but has been recommended
for adoption at the Pattah railway
station by the medical authorities
of this district.

For orders.

14/2 EC

19 Let us ask doctors
unofficially for any
papers they can show
in bearing on the subject
of a quarantine shed
for which they seem to
have agreed to the
licensing.

Orly
18/2/-

D. C. to Mr. & Madrid inserted.

21/2/89.

Form

From

The President,

Municipal Commission,

Civil and Military Station

Bany

To

The Assistant to the Resident in M

Date 5
Despatched. October 188.
Received. 12

Enclosures No. 1

General No. 1530.
No.

Adverting to let
No. 2366 dated 11 Au
1883 from the Quarte
Master General, Bang
Division complaini
the state of the mun
Channel, submits
Certain explana

No 1538

Municipal Commissioners office
Cant and Military Station
Bangalore 5th October 1883

To:

The Assistant to the Resident
at Mysore.

Sir

Adverting to [X] letter No 2366 dated 11th August/83 from the Assistant Quarter Master General Bangalore Division forwarding a letter No 447/83 dated 8th idem from Dr Waters complaining of the state of the Main channel (i.e the feeder to the Main tank) which runs through the town; I have the honor to state that I think in justice to the Municipality, the following explanation should be placed on record.

I had embodied my remarks in the record of the speeches made at the Ordinary meeting of the Commissioners but as I did not at that meeting enter

&c

so fully into details as now seems to me advisable and as it appears to me to be more desirable that my explanation should appear rather in the pages of an official letter than in the report of what took place at a municipal meeting. I have expunged my remarks from the report and submit them in this form.

It may be that everything I may now write is known to the Lieut. General Commanding the Division, but the contrary is also possible so I have forwarded a copy of this letter to the Assistant Quarter Master General, as the Military Authorities are deeply interested in every thing that appertains to the water supply to the Alum tank.

One of the chief feeders to the Alum Tank (from which all the British troops in garrison here draw their water) runs through the valley in which stands the main part of the native quarter

of

of the station.

This sewer (called the main channel) is roughly speaking about one mile long and for nearly its whole length, it runs through a very crowded and filthy locality.

Alongside it runs the main sewer, the second being a few feet lower than the main channel as the small drains which being down the sewage from houses on the South side of the Channel have to pass under the channel to discharge into the main sewer.

The medium part of the station is excellently drained (so far as the surface is concerned) with stone V shaped drains in nearly every small lane and with box (⊔) drains in the larger streets.

Such house sewage therefore as is discharged from houses is rapidly passed down by these surface drains

to

to the main sewer.

I should have stated that house owners are compelled to construct drains from their back yards to the street drain so as to carry off their sewage. Though this rule is not as yet strictly enforced it is being introduced gradually, with the result that a great part of the sewage is run down into the main sewer (or main channel!) In dry weather the sewage passes into the main sewer and is discharged down below the Island tank where it is utilized for irrigation purposes.

In wet weather (i.e when sharp and heavy rain falls) much of the sewage and general filth (such as I will refer to later on) is carried into the Island tank and that too without any defined on the part of the Municipal Servants as, as I will show, while the existing system of drainage tends to

is simply impossible to prevent it.

In wet weather the V and box drains run full of a mixture of rain waters and sewage as both elements are carried off by the same drains and at the same time

With the exception of two box drains on Blackpilley Road, all the side drains (i.e V section and box) from the southern side discharge their contents (i.e the mixture of rain waters and sewage &c) into the main Sewer.

The systems carried out to separate the rain waters from the sewage in the two drains referred to and in all the side drains which come down from the Northern side of the Channel is as follows—

In some cases a slab is placed a few inches above the surface of the side drain and the filth and sewage is supposed to pass under that into the main sewer while the lighter and

and pumps wastes goes over the dale to the main channel and down it to the Bloem tank.

The other plan is that the sewage is supposed to drop into a well at the end of the side drain and to pass under the main channel into the main sewer while the upper surface of the stream leaps over the "well" and passes into the main channel. It may be that in both cases it is hoped that during the first part of the stream and when the currents in these side drains are neither deep or strong, all the dirt and sewage will be washed down into the main sewer before the current is strong enough to carry it (as above described) into the main Channel.

Either expectation is fallacious as a visit to the main channel after such a shower as fell last night (14th October) will show.

Reading

Reading Dr Waters letter, one would infer that the filth found in the Main Channel is deposited there by people and that it is owing to the neglect of the Municipality in not removing this filth and consequently in allowing it to be washed into the Bloem tank, that the water of that Reservoir is defiled.

This idea is inaccurate so far as it infers that if more care was adopted the water would not be defiled

I admit that people do use the Main Channel as a latrine, but it is impossible at present to prevent it, as the Police cannot touch people found fouling it, as it is not a Road, street or thoroughfare, and furthermore as already reported the Police force is inadequate in strength to carry out this extra duty.

Natives will use the streets,

lanes,

lanes, open spaces of the town for the purposes of nature and they defecate all over the town as well as in the Main Channel. A visit to the town in the early morning will show that the streets and lanes, and drains in the poorer parts especially are simply covered with human excrement; and those who live near the main Channel use it as a latrine, as others use the street in front of their doors.

In both cases the excrement is removed daily, while the main Channel is now cleaned out 2 or 3 times daily.

In dry weather the main Channel is kept quite clean though it is used just as much as a latrine then as in the wet weather, but in dry weather no drainage gets into the Channels and consequently no dirt gets into it.

Any

My opinion of the cause of the fouling of the water of the Elsan tank is that a large quantity of the sewage &c of the Barracks is washed into it.

Whenever a heavy shower falls, all the filth lying about the streets, open spaces &c. (and as the Municipality can do no more than clean them once a day, there must be large quantities lying about in such a thickly populated locality) is washed down to the nearest Sewer and main channel.

Some of it no doubt goes into sewer but much of it must and go into the main Channel.

The Reception and Box drains referred to run down full of all sewage, filth of every sort, of animals and rain.

Part goes into the sewer at first passing over the slabs or over the "wells" previously referred to into the main channel.

To make matters worse the main sewer is not now big enough to carry off what gets into it owing I am told to the quantity of drains &c that have been laid down of late years.

The Bazaar is so ill drained that in a very short time after a heavy shower sets in the main sewer into which drains the storm water from the Southern side as well as the sewage from both sides, is known full, and of overflows into the Main Channel which runs alongside of it.

The Main Channel being of much larger capacity than the main sewer takes a longer time to fill, during which time it is carrying off to the Ocean tank the overflow of the main sewer.

If the Shower lasts for long the Main Channel and Main Sewer

full.

fill to the same level from bank to bank (where the sewer is open).

The quality of the water carried down this main channel can be easily determined by inspecting the filthy deposits which are left along it after the flood subsides.

The Channel may be as clean as possible before a heavy Shower. Comes but after the flood has subsided the stench arising from the filthy putrid deposits of mud so left in it is sickening

The Special gang removes this foul muck as quickly as possible but the next heavy Shower brings down as much.

The first thing to be done in my opinion is to realize this state of affairs and it is in the hopes that if attention is drawn to it that something may be done by

Government

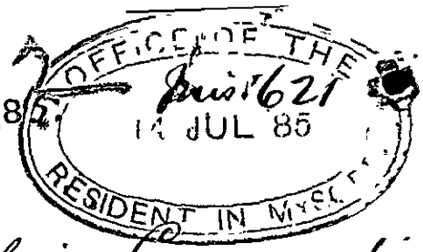
Government that I have written this long report.

It is right enough to prevent people washing in the tank or spitting in it but such minor precautions can be but of little avail while every heavy shower brings into the tank such filth as I have alluded to.

I have the honor to be
Sir
Your most obedient
humble servt
Presidential Commission
Canton Baynes &c.

64

1885



From The Officer Commanding Bangalore Divn

Dated 11th July 1885

Received 15th Do.

Enclosures No.

No. 213.

Forwarding copy of a letter from the Dy: Surgeon Genl reporting the insanitary state of the Nullahs, Bridges &c round the watershed generally of the Ulsoor Tank and soliciting early orders for placing them in a Sanitary State—

The file is with Resdt

15/7

Resdt Mysore

17-7-85

This file paper only reached me last evening. I should like to know why it took three days to come from the Cantt Resdt to me—

It should be referred to the Presdt of the M L C Station, in Original, for the favour of early report & return. G 21.7.85.

Answered as requested
Dy Secy. Mysore
22.7.85.

Officer Bangalore
21.7.

Head Quarters, Bangalore Division,

BANGALORE 11th July 1885.

No 213.

From Colonel W. G. Andrewes R. H. A:
~~MAJOR-GENERAL HUGH ROWLANDS, V. C. C. B.~~

Commanding Bangalore Division.

To

The Assistant
to the Resident,
Bangalore.

Sir,

I have the honor to forward, for your information, copy of letter No: 887/M, dated July 8, 1885, from the Deputy Surgeon General, reporting the insanitary state of the Nullahs, bridges &c, and the watershed generally of the Ulsoor Tank, and to solicit early orders for placing the different points, mentioned by the Deputy Surgeon General, in a sanitary state.

2. A copy of letter No: 887/M, dated, July 8, 1885, has been forwarded to the President, Municipal Commission, Civil and Military Station, Bangalore.

I have the honor &c.

Sir,

Your obedient Servant,

W. G. Andrewes Colonel.

Commanding Bangalore Dn.

No: 887
&c

From

The Deputy Surgeon General
H. M's Forces.

To

The Asst. Q. M. General
Bangalore Division,
8th July 1885.

Sir, I have the honor to report for the information of the officer Commanding, that on the 4th instant, I made a careful personal inspection of that portion of the Ulsoor tank, where it meets the upper Tank, separated by a bridge consisting of eight arches, "seven of these contained human faces," the upper Tank was for the most part dry, following up the superficial drain situated in this Tank, to the outlet of the Nullah, which conveys the rain fall from Badershilly direction, I found that, it was in a very insanitary state, especially in the neighbourhood of Native villages, it was converted into a "base Latrine," so were also the arches of the bridge over this Nullah on the Cavalry Road,

following

following up the Nullah, I came to a small ravine, about two hundred Yards in length, and on the edge of it, has been erected a Latrine, No: 12/47, this I was informed was for the use of Coondasawmy's Tannery, which is close by, on a higher level, than ravine or Nullah. I inspected this Tannery and found it in a most filthy state, several Square pits on the ground, full of decomposing animal matter, Soakage from these places and the Latrine, must reach the Nullah; close to Baderhully. I observed several heaps of rubbish, deposited close to the edge of the Nullah, and twelve pravis, one actually in the bed of the Nullah, the remaining eleven close by; above Baderhully are situated two small tanks, used principally by Natives for washing clothes, the overflow from these, goes into the Nullah; from the foregoing, it is quite evident that, the water supply reaching the Ulsoor Tank from Baderhully direction, is fouled by every abomination, it is possible to conceive.

On

on the 7th instant, I made a careful inspection of the water channel, commencing at the Brewers own Lappers and Miners works, the channel between the latter and bridge on St. Johns Road, contained a quantity of decomposing vegetable matter, the bridge consists of six arches, "five contained human faeces", the water channel from the bridge to back of old market, comparatively clean except where crossed by a bridge, "arches used as a Latrine". In the neighbourhood of back of old market, "Latrine No: 20/67" was erected, not a foot from wall of water channel, and it was quite apparent that Soakage had been going on, from the former into the latter, at the bridge of Blackpully road, there was present in the "water channel", a large Quantity of "most offensive sewage", this was accounted for by an Inspector, who was present, and informed me, that the Sewage drain was stopped, and in consequence sewage escapes into "the stone water drain", and from that into "drain water channel". it appears that, this serious defect exists in all the System

of

of drainage throughout the Cantonment.
I have carefully inspected the numerous superficial drains, conveying rain fall to the Ulsoor Tank, from time to time; and they contained human excrements. I am of opinion that proper supervision is not maintained, and it is absolutely necessary, some active steps should be at once taken, to cleanse all nullahs, drains and water channels, conveying water to the Ulsoor Tank, and maintain them, in a proper sanitary State.

I have &c:

(Signed.) Thomas Farrant.
Deputy Surgeon General.
A. Dis: Forces.

"True Copy."

J. Stirling Lt: Col:
Asst Q. M. Genl: B. D:

9/3 No 1345
2 Enc. in No 1

№ 1032 enc: 2.
46
Downing Street, 23rd July 1885

To

The Resident Minister

Sir,

I am directed to forward herewith a letter No 213 of 11 July '85 from the Officer Commanding Royal Engineers, ~~Suakin~~ Suakin, a communication from the Deputy Surgeon General with the Field Force regarding the unsanitary state of the Suakin Barracks, Hospital, and water supply generally of the Suakin Garrison.

I am, Sir,
Your most obedient
humble Servant
23.7.85
Lord Rosebery

2. I am to request that you will bring the contents of this letter to the notice of His Highness the Khedive with a view to such steps being taken as may be deemed necessary.

23/7

BANGALORE MUNICIPALITY.

Dear Mr. Gordleston

When you are replying to Dr Farrell's letter about street deficiencies &c, the following information may come in useful

Yours truly

Commissioner.

5 August.

It shows the police do try to put it down

	Total cases since 1st Jan^y	Nuisance cases since 1st Jan^y
Bangalore Cowne.	1113	274 = 1 in 4
2nd Bangalore	1024	116 = 1 in 9

CE... 90
29 JUL 85
RESIDENT IN MYSORE.

Form No. 9.

188 .

From

The President,

Municipal Commission,

Civil and Military Station,

Bangalore.

To

The Assistant to the Resident in Mysore,

Bangalore.

Date
Despatched. 28 July 1885
Received.

Enclosures No. 2

General No. 844.
No.

Submits Explanation
the Report of the Dy Surgeon
General A. M. B. Forces
Complaining of the
insanitary State of the
Nullahs &c of the
Utsoor Tank.

Caxton Press,—Bangalore.

No: 844

Municipal Commissioners office
Civil and Military Station
Bangalore 28th July 1865.

To
The Assistant to the Resident
in Mysore.

Sir.

In reply to your letter No: 1032/46 of 23 July 1865 forwarding a letter No: 213 of 11th Idem from the officer Commanding Bangalore, x Enclosing a report by the Dy Surgeon-General on the "unsanitary State of the Nullahs, bridges and watersheds generally of the Ulsoor tank": I have the honor to Submit the following Explanation.

II I propose offering my Explanations on Each Complaint in turn.

III Dr Lavrant says he found human feces under 7 of the 8 arches of

x herewith returned.

of the bridge on Wheeler Road over the feeder to the Ulsoor tank.

This feeder is that which was inspected by the Resident one morning in Company with Col. Burton, myself and other officers, which fact I mention to draw the Resident's attention to the locality.

IV The bridge referred is quite outside the inhabited part of the station, but thousands of people have daily along it, coming into Bangalore from all directions.

It is to be wondered at that some of them take advantage of the shelter offered by this bridge and how is the Municipality to prevent it, especially at night

and

and in the early morning?

V The next reference is to the nullah that comes down from Baderhully, and it is complained that it is in an insanitary state "especially in the neighbourhood of native villages" Mr Gridlestone went down this nullah from the tanneries to the bridge referred to above so that he has seen the place for himself and I will here merely mention that the said nullah is well outside the inhabited part of the station and that it runs through very highly cultivated lands and past a few small villages

VI It is a footway for people passing backwards and forwards between Bangalore and the tanneries

and

and other villages.

VII Under these circumstances is it to be wondered at that Excrement should be found lying about "Especially in the neighbourhood of native villages."

VIII The nullah is cleaned out every day by Municipal Sweepers and I do not see what more can be done and the Deputy Surgeon General does not offer any suggestions.

IX I must point out here, that people who are walking about, or working in their fields or on the roads must ease themselves and no power on Earth can stop the practice in out of the way places such as this nullah.

Patiner

X. Natives especially of the lower classes cannot be brought to see that when taking themselves in a quiet sheltered spot in this nullah or in one of its branches, they are causing a possible pollution of the waters of the Ulwa or tank half a mile or more away.

XI The next thing referred to is latrine No. 12/47 at the tanneries, which is objected to, but surely it is better to have a latrine than to leave the people to use the nullahs.

XII I showed the tanneries to the Resident the other day, and as he is aware, the tanners are being prosecuted.

XIII Regarding the graves at Badenhully I would state that I am

am informed that no corpses have been interred there for several years, but I am by no means sure that this is true as the people have no regular burial ground, so that it is probable that recent interments have taken place, but it is difficult to put a stop to surreptitious burials.

XIV While on the subject, I may mention that Dr. Farrant has established a cholera Camp at Baderhilli in the drainage area of the Illaro tank.

XV He says he takes precautions to prevent the tank being defiled by this Camp and of course the Municipality believes that he does his utmost but as a matter of fact the cholera Camp is there while the

Military

Military medical officers only a few years ago objected to the Municipality opening a canal in the drainage area of the tank on the ground that the waters would be polluted.

XVI I mention this here, as at the meeting of the Board on the 25th instant, it may resolved to bring the matter to the notice of the Resident.

XVII Regarding the main drain through the town, the Dy Surgeon General makes the same Complaint as to the arches of the bridges being used by people.

XVIII Dy Lamont complains of the situation of the Latrine at the back of the old Market. It is as he states on the very edge of the

the main drain, but is it not better to have a place which can be cleaned ant daily and where the Excrement is kept in one place than to leave the thousands of people in this locality to resort to the open spaces hereabouts or to the drain itself.

XIX I erected this Latrine 2 or 3 years ago. because I found the whole locality (including the drain) reeking with Excrement, and I thought the Latrine the lesser evil of the two.

XX In my opinion and I have had some experience in the matter, it is useless trying to drive people to ant of the way Latrines, as they will not go to them, and the wiser plan is to have Latrines in places Convenient to the people who are to use them.

I

XXI I am quite sure that this particular Latrine Sewer a lot of filth from being washed into the Elysian tank.

XXII Regarding Dr Farrant's remarks on the drainage, I would refer the President to my letter No: 1530 of 5th October 1883 written in reply to Complaints by Dr Waters as to the fouling of the Elysian tank waters. I maintained then and I still maintain that in that letter I hit off the real cause of the pollution of the tank so far as this feeder is concerned and that is, that the main Sewer is not large enough and so it overflows into the drain in heavy rain.

XXIII The Municipality is now spending about ~~Rs~~ 4000/ in heightening the wall dividing the drain from the Sewer.

The

XXIV The project was revolved on during my absence on furlough and if successful it will be an Excellent work.

XXV Dr Farrant's last Complaint is that the "numerous Superficial drains Conveying rainfall to the Ulwar tank" always Contain Excrement whenever he examines them.

XXVI I can quite believe this, Especially as I know that Dr Farrant makes his inspections in the early morning before the days Scavenging has been done. While admitting the truth of his Complaint, let me show the surrounding circumstances which will I trust lead the Resident to hold that Conservancy arrangements

are

are not so utterly neglected as Dr. Farrant tries to make out.

XXVII. The population of Bangalore (Exclusive the Military) is about 95000. and the police force (officers and men) numbers about 320, while of our Conservancy staff very few are legally capable of arresting offenders.

XXIX Many of the houses in the Station have no private latrines and as all houses cannot be close to a public latrine and as people will not go further than is necessary to ease themselves, it follows that many during the night or early morning use the streets or the nearest open space for the purpose. How is the Municipality to stop this?

XXX It cannot seriously be contended that 150 or whatever may be

the the number of police men on night duty can see that the population of the town resorts to the latrines. If the Streets were not cleaned up every day, the Municipality would be to blame, but I contend that the Scavengering is on the whole done very fairly, and Dr Tarrant, if asked, would probably admit that he found men working all over the town, but he is asking too much when he expects the Municipality to keep its Eyes on the whole population and to prevent every one from Easing himself except in a public or private latrine.

I have the honor to be
Sir
Your most obedt Servant
[illegible]
Presidency Comm.
Cantt Bangalore.

No 59.

No $\frac{1261}{650}$ of 10. 8. 85.
of 13-8-85.

To The Officer Commanding
the Bangalore Divn

Sir.

I have the honour, under
instructions from the Offg. Resr,
to forward herewith a copy of
the report, No 844 dated
the 28th ult., received from
the Prist of the C. M.
Station in connexion with the
reference recorded by you
No 213 dated July 11th 1885.
& its enclosure.

2. The views & explana-
tion offered by Major
Maltby commend themse-
lves generally to me.
I visited Bellary, who has taken
the reins of Police duties during
the last few weeks &

in the case of the Tanneries, which are now the subject of a criminal prosecution, the supervision of the Municipal authorities & specially of the President is much more active & continuous than would be inferred from the Deputy Surgeon Generals remarks. Scavengers are numerous & attentive to their duties; filth is removed as soon as collected, & when possible, owing to the limited water supply, drains are flushed. That the police & the magisterial officers are non-indifferent to their responsibility is evidenced by the following fact that at-at

making himself acquainted
with the Conservancy arrange-
ments & Sanitary Reports
of Bangalore. He
has visited amongst the
places the latrines at the
back of the old market &
at the tanneries & the hides
mentioned by Dr Tarrant, &
has traversed the Backbully
feeder from its commence-
ment near the Tanneries &
its junction with the Ulsoor
Lakes & he has made a thor-
ough inspection of the Hindoo
Burial Ground & the sites of the
Cholera hospitals to the
North of the Cantonments
Bazars. The conclusion which
he has formed is that except

a total of 1113 cases & 1024
cases disposed of respectively
in the District Magistrate's & Second
Magistrate's Courts between
January 1st & August 5th
1885 274 (or 1 in 4)
and 116 (or 1 in 9) related
to nuisances.

3. With intimate know-
ledge of the large cities which
form the capitals of Cash-
mere & Nepal & with con-
siderable experience of many
large towns in Northern India
Mr. Fiddes has no hesi-
tation in saying that the
C & M Station of Bangalore
compares favourably with
them in the matter of external
cleanliness at the present

Season of the year. That there is room for improvement. He does not deny – so long as he holds the office of President – how it will be his endeavour to do all that lies in his power to promote the sanitation of the place. In some respects the Municipal Regulations as now framed leave the Commissioners without adequate powers to enforce cleanliness. A remedy for these shortcomings by the application of certain sections of the more progressive Municipal Act of Madras is now being considered. The question of closing the Hindu Burial Ground near Basin Bridge is also

under this arrangement. There are other efforts in the interests of the public health with, Mr. Fiddes's kind, be seconded by the Military authorities ~~who have made~~ ~~in the Lower Lazaretto~~ as removing to a more suitable site the cholera camp at Aden and his entire the Catchment area of the Ullen Tank, & by providing that no contamination of the ground be allowed within & in the neighbourhood of barracks. For this he would express the hope that in the event of the Dep. Surgeon General taking exception to arrangements he may suggest the remedy for any evil which

be brings to notice... of Tarrants help would be steadily valuable in this respect, & the Offs. Rep feels sure that his sug. gestions would always command the earnest attention of the Municipal Commission.

No 1262/39. of 13th Augt. 1885.

A Copy to the Prest C & M Station, with reference to this No 844 dated the 28th ult.

10. 8. 85.

No. 64.

No 1308/64 of 18.8.85.
of 19-8-85.

To Prest C & M. Station.

Sir.

I have the honour to inform you that Deputy Surgeon General Tennant called upon the Offg. Resr this morning in consequence of the remarks made about the removal of the

6

military Cholera camps in my official letter to the address of the Officer commanding the Bangalore Division of which a copy was sent to you under cover of my No 1262/59 dated the 13th inst.

2. Dr Tennant, whilst urging that the standing orders for the camps were such

5 of file

2 Enc 1032 of 3-9-85

as in the opinion of the military authorities would preclude the possibility of pollution to the Ullswater Tank, admitted that on principle it was undesirable to have such a camp within the catchment area of a great reservoir, & intimated his readiness to agree to the removal of the camp, if another site as near as possible to the present one & within equally easy reach of ~~Castlerigg~~ the barracks were available. To the best of his belief there is no such site on military ground. Consequently I am to request that you will enquire whether any convenient plot is to be had in the neighbourhood & is so at beyond the catchment area of the Ullswater Tank,

what cost. According to Mr. Tennant the cost of removing & re-erecting the present bridge would probably amount to Rs 700. I am in enquiring in vain to getting rid of the Chetna camp from its present objectionable site, the Municipal Commissioners would contribute the whole or in part the cost of relay.

3. In order to protect the arches of bridges from the nuisance of persons obscene of committing a nuisance Tennant has suggested the desirability of iron bars or grating similar to those in use at the overflow arches on the Southern side of the Ulsoor Tank, near

the Mess House of the 14th N.D.
Would you obtain the Off. Rep.
with your opinion on this
proposal.

4. Dr Tarrant further urged the value of
that a sub. committee of the
Board of Municipal Comrs.
for the purpose of giving special attention.
to questions connected with
conveyancy & sanitation.
Such a sub. committee, the
Off. Rep. believes, is not un-
common in connection with
other Municipalities. Mr.
Fiddes then commends the
suggestion to your notice &
would be glad to learn the
views of yourself & your
colleagues in regard to it.

18.8.85

Extract from Garrison Orders
By Col. W. G. Andrews Rtd
of Bangalore 22nd Augt 85

A

Cholera Camp. 3— On the recommendation of the Dy. Insp. General H. M's. Forces, the Cholera Camp at Badahully is closed from this date.

"By Order"
Sd/ Wm Bengough, Col,
Asst. Adjt. Genl.

"Extract A should be sent officially to the Dist. Col for Station"
Initialed G.S.
22. 8. 85

True Extract

Bangalore
9th Sept. 85

No 67.

No. 1347 Encl. 1.
67.

Office of the Resident in Mysore
Bangalore, 24th August 1885.

To

The President, Municipal Commrs,
(& Station of Bangalore.

Sir,

With reference to the 2nd paragraph of letter No. 1308/64 dated 19th August, 1885, from this Office, I am directed to forward an extract from the Garrison Orders, Bangalore, dated 22nd instant, ~~to the effect~~ that the Military Cholera Camp at Baderahully has been closed from the 22nd August, 1885.

Serial No. 6 of File No. 230 of 1885 (linked)

File No. 51 of 1885.

I have, &c,

Draft

Asst to the Resident

M.
22/8.

9

Form No. 9.

1885.

From

The President,
Municipal Commission,
Civil and Military Station,
Bangalore.

To

The Assistant to the Resident in Mysore,
Bangalore.

Date Despatched. } 3 September 1885
Received.

Enclosures No. 1

General No. 1032
No.

Forwards Extracts from Proceedings dated 29 Aug 85 para 18, and requests to obtain from the Mysore Authorities a site for Cholera Camp outside Station Limits

Caxton Press,—Bangalore.

OFFICE OF THE
Mal 129
7 SEP 85
RESIDENT IN MYSORE.

Sl 9

No: 1032.

Office of the Municipal Commissioner
Civil and Military Station
Bangalore 3 September 1885.

To

The Assistant to the Resident
in Mysore.

Sir.

Referring to your letter No: 1308/64 dated 18th Ultimo, I have the honor to Submit for the information of the Resident an extract from the Proceedings of the Municipal Commissioner dated 29th December 18, and to request that as suitable Sites are not available within the Station limits for cholera camps (both for the Military and the Municipality) you will be so good as to make the necessary application to the Mysore Authorities for the

the allotment of some site for the
purpose outside station limits.

I have the honor to be
Sir
Your most obedient servant
Lucius Bellinger
President Dunbar Co.
Emilio Bacigalupo Co.

Extract from the Proceedings of the Municipal Commission, Civil and Military Station of Bangalore dated 29 August 1885.

18. Read:- Letter No. 1308/64 dy 18 August 1885 from the Secretary to the Resident

(1) relating to the proposed removal of the Military Cholera Camp at Badenhalli

Resolution Recorded.

Resolved- that application be made to the Resident to obtain from the Mysore Authorities some site for Cholera Camps (both for the Military and Municipality) outside Station Limits.

(2) provision of iron gratings to the Arches of bridges to prevent people Committing nuisances:

Resolved- that an attempt be made with Barbed wire, as the ordinary gratings have been purposely removed as they block the water way.

relating

(3) relating to the General Conservancy and Sanitation of the Station.

Resolved:— that the question of the Street v. not being used as latrines resolves itself into one of an ample supply of urinals and latrines, and that when funds are available latrines be constructed where possible

The Municipality feels the necessity for these Extra latrines, but it would Entail an Expenditure of Rs 50,000/- to Even mitigate the Evil.

True Extract.

Municipality

President Commissioner

Cantonment Bangalore.

3. 9. 85.

No. 70.

No. 1599/70. dy 12th Sept. 1885.

10

To Prest.

C L M. Station

Bangalore.

Sir.

With reference to Jour No 1032 dated the 3rd inst. I have the honour, under instructions from the Offg. Prest., to request that you will be so good, after consultation with the Dep. Surgeon Genl., the Resy Surgeon & the Senior Surgeon Mysore, as to report on what scale of the C L M. Station of Bangalore it would be practicable to establish Military & Municipal Cholera camps, & if possible

to indicate one or more localities which would fulfill necessary requirements. I am also to suggest for the consideration of Surgeon Genl & the Officers above indicated whether it would not be well to take up ground sufficient for the accommodation of patients suffering from contagious or infectious diseases (e.g. Small pox) in connection with the site for Cholera Camps. If there are objections to this combining the question of camps for Small pox &c. should be separately considered & reported on. It is the wish of the Govt. that all such camps as are referred to in this letter should be beyond the limits of the Municipality of Bangalore the water-supply of Bangalore & Civil & M. Station

11.9.85

OFFICE OF THE
Mis 994
11 SEP 85
RESIDENT IN MYSORE.

11

QUARTER MASTER GENERAL'S OFFICE,
Bangalore
~~Ootacamund~~,
9th September 1885

No. 1/7

From

THE QUARTER MASTER GENERAL,

To

THE Assistant Resident
Mysore

SIR,

I have the honor, by desire of the Provincial Commander-in-Chief, to forward for the information of the Resident a copy of a letter from the Deputy Surgeon General Bangalore Division dated 8th July last, bringing to notice the insanitary state of the surface channels of the Ulsoor Tank.

2. General Rowlandson is aware that there must be considerable practical difficulty in maintaining surface drains etc in a town like Bangalore in an absolutely clean condition, but he cannot help thinking that proper supervision would improve matters to some extent, and he hopes that the Resident will find himself

Subjected with ref to para 28. in office Note of Fil 230 of 1885. 16.9.85.

This is said to be with the Asst. Resident 17.9.

Asst. Resident returned it to office some days ago.

Submitted to Resident, with reference to para 28 of Fil 230 of 1885.

Resident's Camp 21-9-85.

Returned to Asst. Resident 22.9.85.

Resident's Camp 12.10.85.

Resident returned it to Asst. Resident 13.10.85.

Asst. Resident returned it to Resident 14.10.85.

Resident's Camp 17.10.85.

Returned to Asst. Resident 18.10.85.

himself able to require the Municipality of the Civil and Military station to give its careful attention to the matter.

3. It is understood that the removal of all the tanneries from the neighbourhood of Bederhully is being gradually carried out, and the description of the state of matters in the Tannery inspected by Doctor Tarrant shows how desirable this measure is; meanwhile, however I am to ask that the Resident will favor the Provincial Commander-in-Chief by requiring such steps to be taken as seem to him to be possible towards the maintenance in proper sanitary condition of such tanneries and their surroundings as remain within the area of the gathering ground of the tank.

4. The importance of doing all that is possible towards preventing pollution of the water of the Ulsoor Tank cannot in General Rowlands' opinion be over-

estimated

estimated, not only in the interest of the troops, but in those of the inhabitants of the main part of the station, and he feels me that the Resident will be ready to afford his assistance to this end.

I have the honor to be

Sir

Your obedient Servant.

Aestwood Brigdr General.

Quarter Master General.

Ex.

1885.

From

THE QUARTER MASTER GENERAL,

To

THE Asst. Resident Bryanston

No. 1/J

Dated 9 } September
Received }

Y.T.

ENCLOSURES.

Relative to the insanitary state of the supply of Channels & Ulem Tank.

Dy: Surgeon Genls Office

No. 887 M. Bangalore 8th July 1885.

From

J. Jamant Esquire

Dy: Surgeon General Mysore

Bangalore Dn. Ceded Dts.

To

The Assistant Quarter Master General

Bangalore Dn.

Sir

I have the honor to report, for the information of the Officer Commanding that on the 4th Instant I made a careful personal inspection of that portion of the Hoovr Cant. where it meets the upper Cant, separated by a bridge consisting of 8 arches, 7 of these contained human faces; the upper Cant was for the most part dry. Following up the superficial drain situated in this Cant to the outlet of the nullah which conveys the rainfall from Badermally direction, I found that it was in

a

a very unsanitary state, especially in the neighbourhood of Native villages it was converted into a "vast latrine"; so were also the arches of the bridge over this nullah on the Cavalry road. Following up the nullah I came to a small ravine about 200 yards in length, and on the edge of it has been erected a latrine No: 12-47; this, I was informed, was for the use of the natives of Cundasawmy's Tammy, which is close by on a higher level than ravine or nullah. I inspected this Tammy and found it in a most filthy state, several open pits on the ground full of decomposing animal matter; soakage from these places and the latrine must reach the nullah, close to Baderhilly. I observed several heaps of rubbish deposited close to the edge of the nullah, and 12 graves one actually in the bed of the nullah, the remaining 11 close by,

Above

Above Badenully are situated 2 small tanks used principally by natives for washing clothes, the overflow from these goes into the nullah. From the foregoing it is quite evident that the water supply reaching the Ulsoor tank from Badenully direction is fouled by every abomination it is possible to conceive.

2. On the 7th Instant I made a careful inspection of the water channel commencing at the Q.O. Sappers & Miners' works. The Channel between the latter and bridge on St Johns road contained a quantity of decomposing vegitable matter. The bridge consists of 6 "Arches" 5 Contained human faces" The water Channel from the bridge to back of old market comparatively clear except where crossed by a bridge "Arches used as a latrine". In the neighbourhood of back of the old market, "Latrine No: 20-67" was erected not a foot from wall of water Channel and it was quite apparent

apparent that sewage had been
going on from the former into the latter.
At the bridge of Blackpully road
there was present in the "water channel"
a large quantity of most "offensive
sewage." This was accounted for
by an inspector who was present and
informed me that the sewage drain
was stopped and in consequence sewage
escapes into the "storm water drain" &
from that into "main water channel."
It appears that this serious defect
exists in all the systems of drainage
throughout the Cantonment. I have carefully
inspected the numerous superficial drains
conveying rainfall to the Ulsoor Lake
from time to time they contained
"human excrement" I am of opinion
that proper supervision is not
maintained and it is absolutely nec=
=essary some active steps should
be at once taken to cleanse all

nullahs

nullahs drains & water channels
conveying water to the Ulsoor Lake
and maintains them in a proper sanitary
state.

I have &c

S.d/ J. Jarrant Dy Surgn Genl
Her Majesty's Forces
Bangalore Dr. of Feb 6th

/True Copy/

D.J. Swoden Major
Dy Quarter Master General

230 No 853.

12

Resident's Office.

( )

, the 19th September 1885.

[DRAFT.]—For approval.

No. 1674 Encl 853

To

The Offg. Commg. and
The Bangalore Bde

Sir,

Serial No. 5.

In continuation of my letter No. 1261 dy. 13th Augt. 85 (659) I am directed to forward for your information copies of the correspondence noted on the margin.

Letter No. 1308 dy. 19 Aug. 85 (64) from the Resdt. C. & M. Station
Do 1347 dy. 24th Do (67) & Do
Do 1032 dy. 3rd Sept. from Do
Do 1599 dy. 12 Do (78) & Do

2. From that the cholera Camp at Badenhully has is closed and a fresh site has been selected I am desired to inquire in which direction it would be best for you officially to have a cholera camp situated

SUBJECT

Proceedings,

No.

Station Quinta.

Thurs. 5.

10.9.85.

Addo Reid.

Fri 11.9.85

No 867.

12

No 1704/867 of 21st Sept/85.
Encl: 2.

To The 2. M.S.
of the Madras Army.
Bangalore.

Sir.

In answer to your No 17. dated the 9th inst: I am directed by the Offg. Resr to forward a copy of the correspondence noted on the margin, which will show the Provincial C in C that the sanitary condition of the Civil Station, & specially that part of it which affects the purity of the water in the Ulsoor Tank has for some time past been occupying the attention of the Offg. Resr.

2. I am, Sir, Your

1. No 213 dated July 11th 1885 from Colonel Andrews. R.H.A Serial No 2. Commg Bangalore Division.

2. No 1261/650 dated August 13th 10th Serial 1885; with encl., to the Offrs Nos 5 & 4. Comg the Bangalore Division.

3. No 1308/64 dated August 19th Serial No 6. 1885 to Purt C & M. Station

4. No 1032 dated September 3rd Serial No 9. 1885 from Purt C & M. Stn

5. No 1599/78 dated September 12th Serial No 10. 1885 to Purt C & M. Station

there are practical difficulties in the way of removing the tannery from their present site; but as will be learnt from the further correspondence noted on the margin, of which a copy is also enclosed, such arrangements are now being enforced as will prevent a repetition of the nuisances so long caused by the tanners established near Badenhully. The Acting Dist. fully agrees with the Senior Medical Officer in the importance of doing everything possible to promote the health of the troops in this large station, & HE may rest assured that no efforts will be wanting on the part of the Civil Authorities to secure this end. We have, &c.

(Sd) Wm. Logan, Dy. Comr.
(Sd) Allan Cameron, Asst. Comr.
18.9.85.

(& office note in margin: "Ack
(i) a letter 2 Lady had addr
to Major Malby about the
result of the prosecution of
the Tanners & (ii) his answ
The papers are in the tanners
file.)

(Nos 27 & 28 of File No. 204 of
& No. 1519/75 of 7: Sept: 85 from President, Cdtn
" 1066 of 8: Sept: 85 from — do —

OFFICE OF THE
30 SEP 85
RESIDENT IN MYSORE

Head Quarters, Bangalore Division,
BANGALORE 29th September 1885.

No. 278

From Colonel W. F. Andrews R. H. Arty.
~~MAJOR GENERAL HUGH ROWLANDS, V. C, C. B;~~

Commanding Bangalore ~~Division~~.

To The Assistant to the Resident in Mysore

Sir,

I have the honor to acknowledge the receipt of your ~~No. 1674~~ 8153 dated 19th instant with copies of correspondence, - and to inform you, for the information of the Resident, that the Cholera Camp at Baderhully was closed by the Deputy Surgeon Genl: according to Regulations, (i, e,) on account of there being no patients to send there, and also 10 clear days having elapsed since the last case in Cantonments and City.

2. The Deputy Surgeon Genl: considers it would be impossible to do away entirely with

File No. 230 of 85
Submitted.
1/10. 85.
I cannot find any Quis note. If the Asst. requires none, submit the pp. as mere. Kmg 2.10.85

Seen
Quis 3.10.
Prices Memo
4.10.85
Please see Serial No. 16.
7.10.85.

with the Bader huts, until another site had been allotted and huts built, in case an Epidemic of any kind should occur.

3. As there are no other Military grounds available for such a purpose, the President of the Municipality, Civil and Military Station Bangalore, was asked on the 19th August 1885 if he could point out any other suitable site, his reply dated September 8th was to the effect that the Municipality has no grounds within its limits for a Cholera Camp and that application had been made through the Resident to the Mysore Government to grant a site outside Station limits; — and I have to inform you that up to date no intimation has yet reached me of any site having been granted.

I have the honor to be
Sir
Your Obedient Servant
H. G. Andrews. Col
Vt. Comg. Bangalore

15

Resident's Office.

( )

, the 24th Octr 1885.

[DRAFT.]—For approval.

No. 2039
230.

To

The Presidt. Municpl. Com:
C. & Mily. Stations

Sir.

I am dir. to invite attention to the communication noted on the margin and request the favor of an early reply thereto.

I have &c.

Secy

Asst to President

24.10.85

24.10.85

Subject.

Selection of a Site for Military & Municipal Cholera Camps.

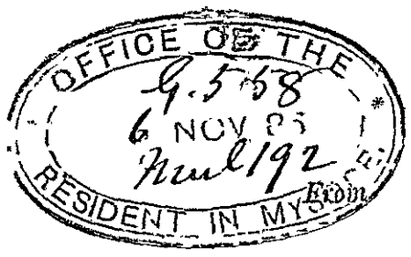
No. 1599/78 dt. 12th Sept. 85

SUBJECT.

Proceedings, No.

494 16

No. 1386.



OFFICE OF THE MUNICIPAL COMMISSION,
CIVIL AND MILITARY STATION,
Bangalore 4th November 1885.

THE PRESIDENT,
MUNICIPAL COMMISION,
CIVIL AND MILITARY STATION,
BANGALORE.

To

THE ASSISTANT TO THE RESIDENT IN MYSORE,
BANGALORE.

SIR.

I have the honor to acknowledge the receipt of your letter No. 1599/78 dated 12th September 1885 relating to the selection of sites for the Military and Municipal camps and in reply to inform you that immediately on receipt of the above communication I sent it round to Doctors Garrett, McGann and Dobson with a map and suggested that they should mark on it where they would propose that to locate these camps, and when this

this has been done we might then meet and discuss the matter and if thought desirable inspect the different sites.

2- Dr Dolson has selected the sites below indicated.

No: 1 — Rev: No: 88 or 90 near Akkithimmanahully for camp for Richmond Town, Shoolay and Environs.

No: 2 — Rev: No: 32 or 36 near Ulsur Madras Road for camp for Ulsur and Environs.

No: 3 — The vacant ground near the Police Tannah on Coles Road for camp for Cantonment and St. John's Hill.

and remarked that if these sites are not within the limits of gathering grounds for the water supply of the Station, they were suitable and he is strongly of opinion that Seperate

camps

Camps should be established with
Easy reach of the population genera
as, if only one be selected for the
entire station, distance is an
obstacle to many seeking treatmen
when attacked either by cholera
or Small Pox.

3 Drs Lamant and Mc. Gann
required further time for an
Expression of their opinion, the
latter officer has, however, since
intimated that in a general
way he agreed with the Sug-
-gestions of Surgeon-Major Dobson
but if a Committee should be
appointed to definitely settle th
Camp sites, he would be glad to
attend with the permission of
the Maharajah's Government
if the President should desire
it.

The

4- The Assistant Quarter master General, in a communication to me, states that the Deputy Surgeon General and himself have selected the site marked with a red cross on the map at the North-East corner of the Sapper Practice Ground and the same has been approved by the officer Commanding the Station.

5- If one camp is fixed for the site selected by Dr Tarrant, which is a good one, though somewhat remote, it seems to me that the site near Ahlithinnmana- hully selected by Dr Dobson, will in addition to Dr Tarrant's suffice.

6. I enclose the various papers for perusal. * To be obliging returned when no longer required

7. I take this opportunity of giving vent to my own ideas on the subject of these Cholera Camps, on the assumption that if they are established, it is proposed to utilize them in cases

of

of need.

8- I at once state with no hesitation that not a Soul among the Civil population will Ever dream of willingly resorting to them, and that any attempt at Compelling people to go there, will result in the reports of cases of Cholera being suppressed, in which case the evil will be greatly multiplied.

9- During the recent outbreak not a single Soul was attended to in our Municipal Camps. So that the Expenditure of Rs 730/- might have been Saved.

10- I admit the necessity of having Some-place to which houseless Sufferers picked up in the streets (as was the case in the Famine) and Strangers arriving ill, may be taken to, but in my opinion if the idea gets abroad that Every person

person who may be taken ill is to be at once carted off to one of these sheds, that the population will show their dislike to the procedure by refraining from reporting cases, as every man's mouth will be closed by the fear that his turn may come, if he turns sap- -prover against a neighbour.

11- In the recent outbreak such was the case, and there was the greatest difficulty in getting information.

12. It may be argued that people must be made to obey the law, but this is easy to say and difficult to carry out in the face of the opposition of a whole community, though of course easy enough in the case of the Regiments and their followers who are under Military Law and who live in limited and well defined areas.

13. Should another outbreak occur, I would rather see several medical

Sub-

Subordinates employed to visit and
treat people in their own houses,
where their presence will be welcome
14 - I may add that my views a
stated above have in a general
way the approval of one of the
Senior medical officers in Ban-
-galore, and I trust that it will
not be the intention of the Residen
to insist that (during any ordinar
outbreak at least) every Suf-
-ferer must be made to go to
one of these camps.

I have the honor to be
Sir
Your most obed.t Servant
[illegible]
President Municipal Commrs
Cantt Bangalore.

1885.

From

The President

Municipal Commission,

9/14.11
6.11.85

Civil and Military Station,

Bangalore.

To

The Assistant to the Resident in Mysore,

Bangalore.

Dated
Despatched } 4 November 1885.
Received

Enclosure No. 3 + 1 map.

General No 1386.

No.

Reports on the selection of sites for Municipal and Military Cholera Camps.

No. 214.

The following sites selected by me are marked in black lead pencil in the accompanying Map:—

No. 1. 88 or 90 near Hathithimmanhalli for Camp for Richmond Town, Shule & environs.

No. 2. 32 or 36 near Ulsur, Madras Road, for Camp for Ulsur and environs.

No. 3. The vacant ground near the Police Tannah on Esle's Road for Camp for Cantonment and St. John's Hill.

If not within the limits of gathering grounds for the water supply of the station these sites appear suitable. It is very desirable that separate Camps should be established within easy reach of the population generally, as if only one be selected for the entire station, distance is an obstacle to many seeking treatment when attacked by either small pox or cholera.

Bangalore.
15th September 85.

(signed) A. F. Dobson
Residency Surgeon

I require a little time before being able to express an independent opinion on the subject but shall do so as soon as possible.

15. 9. 85. signed M.c Gann.

I am of the same opinion as Surgeon Major M.c Gann.

Bangalore
16th Sept 1885.

(signed) J. Farrant
Dy. Surgeon General
H. M's Forces.

Having in the beginning of this month inspected a site for Military Infectious Hospital, selected by the officer Commanding the Division and Assistant Quarter Master General and approved of the same. I presume the latter will communicate on the subject with the President of Municipality. I have asked him to mark on the map sent the site selected.

Bangalore
29th October 1855

(Signed) Thomas Farrant.
Deputy Surgeon General.
Her Majesty's Forces.

No. 1224.

Senior Surgeon's office.
Mysore Government.
Bangalore 28th October 1855.

To.

The President, Municipal Commission.
Civil and Military station.
Bangalore

Sir,

With reference to your letter No. 1311. dated 27th Instant, I have the honour to state, that I regret, I have not had much leisure to devote to the subject referred to, but in a general way, I agree with the

suggestions

suggestions made by Surgeon Major Dobson in whose District the localities referred to are situated and who consequently possesses better opportunities in the daily discharge of his duties of becoming acquainted with them.

If a Committee should be appointed to definitely settle the Camp sites, I should, with the permission of His Highness the Maharaja's Government, have pleasure in attending if the Resident should desire it.

I have &c

(Signed) M.C. Gunn.
Senior Surgeon Mysore Govt

Quarter Master General's office. B.-Dec.
Bangalore 30th October 1883.

No. 1176.

From

The Assistant Quarter Master General
Bangalore Division.

To.

The President, Municipal Commission.
Civil and Military stations.
Bangalore.

His No. Dated ____ ____ 188.

With reference to this Circular memo. No. 1099,

dated

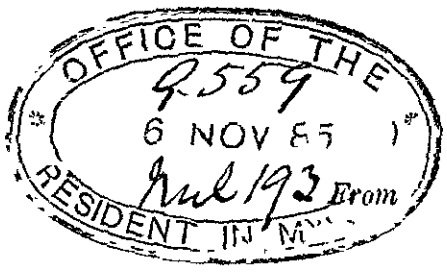
dated September 14/85, and letter ℄ No 1599/78, dated September 12/85, and Memo; ℄ No 214, dated September 15/85 from the Residency Surgeon; has the honour to inform him that the undersigned and the Deputy Surgeon General have selected the site marked with a red cross on the map herewith returned; the site is at the north-east corner of the Sapper Practice ground, and the same has been approved of by the officer commanding the station.

2. Has the honour to point out that No 3, site selected by the Residency Surgeon, appears to be in the gathering ground of Ulsoor Tank.

℄ Enclosure

(Signed) G. Simley Lieut: Colonel.
Asstt Quarter Master General B. Div.

No. 1389.



OFFICE OF THE MUNICIPAL COMMISSION,
CIVIL AND MILITARY STATION,
Bangalore 4 November 1885.

THE PRESIDENT,
MUNICIPAL COMMISION,
CIVIL AND MILITARY STATION,
BANGALORE.

To

THE ASSISTANT TO THE RESIDENT IN MYSORE,
BANGALORE.

SIR.

I have the honor to submit an Extract from the Proceedings of the Municipal Commission dated 31st Ultimo para 6 together with a Statement shewing the cost incurred in the maintenance of the Cholera Camp during the recent outbreak of Cholera in the station and I request you will be so good as to obtain the Resident's sanction to the cost

Cost being met from the Revenue
Grant of the current year's
budget.

I have the honor to be
Sir
Your most obed.t Servant

Secretary
Executive & Municipal Commrs.
Fort Bangalore.

1885.

From

The President

Municipal Commission,

9.11.85
6.11.85

Civil and Military Station,

Bangalore.

To

The Assistant to the Resident in Mysore,

Bangalore.

Dated
Despatched } 4 November 1885
Received

Enclosure No. 2

General No/ 389
No.

Commandum Extract from Proceedings of 31 October 1885 & request Sanction for the Cost incurred in the Maintenance of the Cholera Camp being met from the Revenue Grant of the current year's budget.

Statement shewing the cost incurred in the maintenance of the Cholera camp in the Civil and Military Station of Bangalore.

No.	Particulars	Rate			Amount			Total
2	Boots Purveyors	"	12	.	1	8	.	
3	Bottles Brandy	2	8	.	7	8	.	
2	Baskets	"	1	6	"	3	.	
12	Charpoys	1	8	.	18	.	.	
24	Candlelies	1	12	.	36	12	.	
12 lbs	Candles	"	8	.	6	.	.	
1	Cavady	"	8	.	.	8	.	
23	Chatties & pots & pans	Lump Sum			1	8	.	
3	Large water pots	"	2	8	"	8	.	
2	do Chatties	"	1	.	"	2	.	
12	do pots	"	1	3	"	15	.	
1	Cork Screw	"	6	.	"	6	.	
1	Goglet	"	1	.	"	1	.	
1	Table Knife	"	4	"	"	4	.	
3	Tin Lanterns	"	8	.	1	8	.	
1	Lock & key	"	8	.	"	8	.	
2	Country Ladles	"	"	3	.	"	6	
6	Mullays	"	"	8	"	4	"	
1	Fenkelizer	"	6	"	"	6	"	
20	Pillow cases	Lump Sum			2	"	.	
1	Rope	"	3	.	"	3	.	
2	Tin Sauce Pans	"	12	"	1	8	.	
2	Iron Spoons	"	1	6	"	3	.	
2	Country Sieves	"	"	9	"	1	6	
8	Spitting pots	"	"	4	"	2	8	
4 lbs	Sulphate of iron	"	2	"	"	8	.	
6	Large tin pots	"	2	.	.	12	.	
4	Small do	"	1	"	"	4	"	
4	Towels	"	2	"	"	8	.	
1	Tin pot for oil	1	8	.	1	8	.	
	Carried Over				84	7	8	

No.	Particulars	Rate	Amount	Total
				£
—	Brought forward		84 7 8	
1	Tin pot for oil	" 2 6	" 2 6	
2	Bottles turpentine	" 10 "	1 4 "	
1	Chair	2 8 "	2 8 "	
1 lb.	Arrow root	" 1 "	1 " "	
1 lb.	Sago	" 4 "	1 " "	
4 lbs.	Country Mustard	" 2 "	" 8 "	
2	Bottles English Mustard	" 6 "	" 12 "	
1	Kerosine table lamp	1 4 "	1 4 "	
1	Lantern large	" 12 "	" 12 "	
2	Boxes of Matches	" " 3	" " 6	
4	Cart loads of fresh earth	" 1 "	1 " "	
1	Bottle ink	" " 9	" " 9	
1 lb.	Sulphur	" 5 "	" 5 "	
2	Maunds Firewood	" 2 9	" 5 6	
1	Bag Charcoal	" 12 "	" 12 "	
1 lb.	White sugar	" 2 6	" 10 "	
4	Large bundles of straw	1 " "	4 " "	
12	Date Mats	" 2 "	1 8 "	
1 lb.	Bottles Kerosine oil	" 2 3	" 9 "	
1 lb.	Lamp cotton	" 9 "	" 9 "	
3	Brooms	" " 2	" " 6	
1	Blacking stick	" " 3	" " 3	
4	Bottles lamp oil	" 1 "	1 " "	
1	Pair of Receivers	" 12 "	" 12 "	
1	do	" 5 "	" 5 "	
2	Brooms	" 2 "	" 4 "	
120	Bengal lights	" 1 "	1 8 "	
1½	Barrels of Jars	24 4 "	36 6 "	
2	Dhoolies	3 8 "	7 " "	
	Cartage for conveying articles to the camp		2 10 "	
	Cost incurred in putting the old small pox camp at Mootto-kurpenipalliam in thorough repair		98 4 2	
	Carried Over		254 7 10	

1

Wing No 1952

2.11.85.

Statement shewing the costs incurred in the maintenance of the Chelsea camp in the Civil and Military Stations of Bangalore.

Annexure No 462-12-6

No.	Particulars	Rate	Amount	Total
	Brought forward		257 7 10	
	Rent of ground occupied for the use of an old pose camps at Richmond Town and Mostuskerspallein from 1st Dec 1884 to 30th June 1885	20 " "	140 " "	
	Establishment			
4	Dhooly bearers from 1st to 15th June 1885	7 " "	14 " "	
1	Surveyor from 1st to 27th do	20 " "	18 " "	
1	Cook do	5 8 "	4 15 2	
1	Cook do	8 8 "	7 10 4	
1	Male ward coolie do	6 8 "	5 13 7	
1	Female do. do	6 8 "	5 13 7	
1	Male Ayah do	5 " "	4 8 "	
1	Female Ayah do	5 " "	4 8 "	
	Grand Total Rupees		462 12 0	

Add Salary of Medical Subordinates employed on Cholera duty including Carriage allowances 266-15-8

Total Rupees 729-12-2

Bangalore
26th September 1885

H. Gibson
Executive Engineer
Municipal Commissioner
& C & M. Station, Bangalore

Ed H

Extract from the Proceedings of the Municipal Commissioners, Civil & Military Station of Bangalore dated 31st October 1885.

6. Read – Statement showing the charges incurred in the maintenance of the Cholera Camp during the recent outbreak of Cholera in the Station.

Resolved – it be submitted to the Secretary for Sanction out of the Reserve Grant.

True Extract

Secretary

Municipal Commissioners

Civil & Military Station

Bangalore.

2. 11. 85.

12

Resident's Office.

[DRAFT.]—For approval.

No. 2263
230.

( )

, the 14th Nov 1885.

To

The Resident
Municipal Comm.
& Dr. Station

Sir,

I am dir: to acknowledge the receipt of your letter No. 1389 dy 4: inst; & to state that the offg Resident sanctions the Cook, Lascars & Sis employed in the Hospital Camps during the present outbreak of Cholera in the Station, being debited from the Reserve Grant of the Current year's Budget.

I have &c

4 12.11.85

Asst Resident.

Serial No. 17

No. 729. 12.2

H/ 10.11.85.

SUBJECT.

Proceedings,

No.

18.

Resident's Office.

[DRAFT.]—For approval.

No. 2264 Enc: 3.
230.

( )

the 14th June 1886. To

The President Municpl Comr.
C & Mily Station
Bangalore.

Sir

I am dir: to acknowledge
the receipt of your letter No:
1386 of 4th instant relating
to the Selection of Sites for
the Military & Municipal
Cholera Camps.

Serial No. 16

2. The Offg Resdt observes
that four Sites are proposed
of wh. one near the Police
Station on Cole's Road,
is inadmissible, because
it lies within the gathering grounds
of the C & M Station. The others
are - A No. 88 or 90 near Ha
- Ritimanhalli
B. No. 32 or 36 near Ulsoor
C. N.E. Corner of Sappers
parade Ground.

~~SUBJECT~~.

3. A and B have the
approval of the Senior
and the Assistant Surgeons
C. of the Depy Surgeon Genl.

Proceedings,

No.

and the Officer Commanding the Station, to whom you also include and urge that if decided on, it would as a second Site suffice and that B would not be needed. This opinion seems sound.

4 Mr. Gisborne would be glad now, if you would arrange for the meeting of a Committee consisting of

1 Med. Surg. General
2 Senior Surgeon Bryson
3 Residency Surgeon
4 Asst. D. Gs. General
5 Gurney (with Municipal Engineer & adjn. professionally but not the a member of the Committee

the members should be

invited to meet at an early date to fix the exact limits of the Camps on Sites A and C, the kind of fencing, if any, needed to isolate them, & the buildings requisite for Hily & Municipal purposes: also to arrange for the speedy occupation of these Sites for the purpose of Seaside Sea & Cholera Camps.

5 I am to point out that it does not appear, Mr. Gisborne, from the recent Correa-

Draft

(Continuation of ~~Note or Précis~~)

for decision on the subject whether the Brig. Authorities propose to share in Site A or whether Site C will answer all the requirements of the garrison. This point the Commission will be able to determine.

6. The Locust Supply (whose services will be applied for by this Office), will it is hoped, shortly join Commission when arrangements are needed for the Pettah, and whether he desires to share in Sites A and C or whether he purposes to have one or more Separate Sites. In the latter case it will be an essential condition that for the pettah as for the C. & M. Station, the Site should be chosen within the gathering ground of the Water Supply for Bangalore C. & M. Station and Civil Lines. Gerdlestone would be obliged if the Commission will favour him with a report of their proceedings in due course.

(Off. & Durbar will be submitted if Rev. H. Residents thinks it necessary)

(Continuation of Note or Précis.)

8 Secy to State Ext for as
76-14 of 1885 letter under
reply, are under Consideration
9 Ten enclosures of 1885 letter
are herewith returned.

Secy to
Govt
Ans. Dept.
H.P. 12.11.85.

No 2265/230 of 14-11-85

A copy to the Dep. Surgeon General
with the Resd compliments &
with the expression of Mr. Fiddes's
hope that the D. Surgeon will
kindly co-operate in the above
Committee.

9

No 2266/230 of 14-11-85.

to do to Govt 2-M-S.

9

Offices.

(Also a covering letter to the
to Mysore Govt with Report for
the Mc Jarvis Services)

9 12-11-85

No. 2277/230 Enc: 1.

Office of the Resident in Mysore

Dated Bangalore 16th November/85.

From

The Secretary to the

Dewan of Mysore.—

Sir,

I am directed to enclose a copy of letter No. 2264/230, dated 14th Instant. to the President, Municipal Commission. Civil and Military Station relating to the selection of sites for the Military and Municipal Cholera Camps.

2. As Mr. Girdlestone is desirous that a Committee should be formed for the purpose, he will be obliged if the Surgeon will be so good as to attend Dr. McGann, the Senior Surgeon, Mysore, to be one of the Members. may be made available for the Committee

I have the honor to be

Sir,

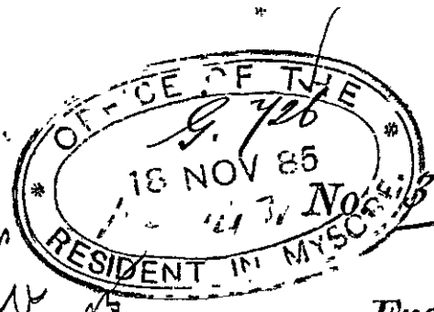
Your most obedient Servant.

Draft.

JM

Assistant to the Resident.

J.S.



Urgent
P. papers
9. Kte
18.11.85

Head Quarters, Bangalore Division,

BANGALORE 17th November 1885.

From

Colonel W. G. Andrews R.H.A.

~~MAJOR-GENERAL HUGH ROWLANDS, V. C, C. B;~~

Commanding Bangalore Division.

To

The Assistant

to the Resident

Bangalore

Sir,

I have the honor to acknowledge receipt of Your No: 2266/230, dated, November 14, 1885, addressed to the Asst. Quartermaster General of this Division, forwarding copy of letter No: 2266/230, dated, November 14, 1885, to the President Municipal Commission, Civil and Military Station, Bangalore, and to state for the information of the Resident in Mysore, that the Site selected at the North East Corner of the Lalpeers Practice ground, by the Deputy Surgeon General and Asst. Quartermaster General and approved of by me, as Officer Commanding the Station for the purpose of erecting huts for Cholera and Small pox patients, belonging to the Native Garrison of

this

this station; has also been approved of by the Provincial Commander-in-Chief, and that the huts will be removed to the newly selected site from Badershully, as soon as an Estimate for the same, has been sanctioned and Funds allotted.-

2. With reference to para: 5 and 6 of Copy of letter, above quoted, I am of opinion, in Consultation with the Deputy Surgeon General, that the huts on site of Sapper Practice Ground, will be sufficient for the requirements of the Garrison, and for obvious reasons, that site fixed on Military Ground, should not be shared with either the Pettah or Municipality.-

This view is reasonable enough. G

I have the honor to be,
Sir,
Your obedient Servant,

W. G. Andrews. Colonel
Offg. Commanding Bangalore.

OFFICE OF THE
S. 762
20 NOV 85
8335
RESIDENT IN MYSORE

No. 4527/262.

Office of the Dewan of Mysore.
Bangalore, 18th November/85.

To,

The Assistant to the Resident
in Mysore.

Sir.

9.15 L
20-11-85

With reference to your letter No: 2277/2330 of the 16th Instant, I am directed to state that Dr. McGann has this day been asked to serve on the Committee proposed to be convened by the Resident for the purpose of selecting sites for the Military and Municipal Cholera Camps.

I have the honor to be
Sir,
Your most Obedient Servant.

Illegible

Offg: Under Secretary.

RESIDENT'S OFFICE.

[DRAFT.]—For approval.

No. 2460 enc: 1.
230.

( )

, the 2nd Decr 1885.

To

The Presidt.
Municipl. Com.
C. & M. Station.

Sir.

In continuation of letter No. 2264-230 of 14. Nov. 85 from this office, I am directed to forward for your information & guidance a copy of the letters noted in the margin relative to the selection of sites for the Military & Municipal Cholera Camps.

I have &c.

Asst. Resdt.

Rect. 16.12.85.

Serial No. 18.

Letter No. 350 of 17. Nov. 85 from the Offg. Commy. Bangalore.
- & — No. 4527/362 of 18-11-85 — from the Under Secy. to the Govt.

SUBJECT.

Proceeding,

No.

No. 1591

OFFICE OF THE MUNICIPAL COMMISSION,
CIVIL AND MILITARY STATION,
Bangalore 7 December 1885.

OFFICE OF THE RESIDENT IN MYSORE
G.986
8 DEC 85
Inward No. 2221 From

THE PRESIDENT,
MUNICIPAL COMMISION,
CIVIL AND MILITARY STATION,
BANGALORE.

To

THE ASSISTANT TO THE RESIDENT IN MYSORE,
BANGALORE.

SIR.

Serial No. 22.

Referring to your letter No. 2448/230 dated 2nd instant forwarding for information a Copy of letter No. 350 dated 1st Ultimo from the Officer Commanding Bangalore stating that the Site selected at the North-East Corner of Sapper Practice Ground will be required for Cholera and Small Pox Camps for the Exclusive use of the Native Garrison of the Station, I have the honor to request that you will be good Enough to inform me whether it is necessary to

Convene the Committee referred to - now that it is decided that the Municipality is not to share the Site on Sapper Ground with the Military and it seems to me that D.C. Dobson and myself can select a site for our Municipal Camp and submit the Same for the Residents' approval.

In Conclusion I beg to add that it would be highly inadvisable to bring patients from the Pettah through the whole length of the Station to our Municipal Camp and that I think the Pettah Municipality should be left to select a Camp of their own.

This was accepted.

I have the honor to be
Sir
Your most obedient servant
Executive
President Committee
Cmotts. Bangalore.

1885.

From

The President

Municipal Commission,

Civil and Military Station,

Bangalore.

To

The Assistant to the Resident in Mysore,

Bangalore.

Dated 7 December 1885
Despatched
Received

Enclosure No.

General No 1591
No.

Requests returns as to the selection of Sites for Municipal & Cholera Camps.

24

RESIDENT'S OFFICE.

( )

Bangalore, the 12th January 1886.

Serial No. 23.

[DRAFT.]—For approval.

No. 56/230.

To

The Resident.
Municipal Comm.rs
C. & M. Station.

Sir.

I am directed to acknowledge the receipt of your letter No. 1591. of 7th ~~instant~~ ultimo, inquiring whether it is necessary to convene a meeting for the selection of a cholera camp, now that it is decided that the Municipality is not to share the Site on Sapper Ground with the Military, ~~and~~ I am to state that in a matter like this affecting various interests, Mr. Gridlestone prefers that the Committee should be convened, so as to preclude the possibility of subsequent objection being brought forward ~~afterwards~~ from any side.

2. I am also to state that as it appears to Mr. Gridlestone, Site

SUBJECT.

Proceeding,

No.

C. – N. E. Corner of Sappers parade Ground – is wanted exclusively for Military purposes, it may be necessary to take up Site B – Nos 32 or 38 near Elsner – as well as Site A – Nos 88 or 90 near Makitiman Lalli – for Municipal purposes.

3. The view expressed in the 2nd para of your letter under reply, seems to be Gridlestone's to be followed, but, yet I consider it advisable to know the opinions of others, in the proposed Committee on such a point.

I am to add that the

Have &c

9/12

Asst R. Reid

A.J. 29. 12. 85

OFFICE OF THE
G. 126
11 JAN 86
MYSORE

130

1886.

From

The President

Municipal Commission,

Civil and Military Station,

Bangalore.

To

The Assistant to the Resident in Mysore,

Bangalore.

Dated 11 January 1886.
Despatched
Received

Enclosure No.

General No 1783.
No.

No: 1591 dated 7th December 1885.

Requesting instructions on the Selection of Sites for Cholera Camps.

Has the honor to invite his attention to the Communication marginally noted and to solicit the favour of an early reply thereto.

Executive by President Municipal Commission Bangalore

This may be filed. Our letter No. 56 was issued on the 12th Inst. H.

21. 12. 86.

J. M.C.
13. 1-86

No. 1899.

OFFICE OF THE
G. 315
28 JAN 86
RESIDENT IN MYSORE

OFFICE OF THE MUNICIPAL COMMISSION,
CIVIL AND MILITARY STATION,
Bangalore 28 January 1886.

20.1.86

From

THE PRESIDENT,
MUNICIPAL COMMISION,
CIVIL AND MILITARY STATION,
BANGALORE.

Resident.
S. K. C.
10-2-86

To

THE ASSISTANT TO THE RESIDENT IN MYSORE,
BANGALORE.

SIR.

S. R. 24.

With reference to your letter No. 56/230 of 12 January 1886 I have the honor to forward a report drawn up by the Committee named by the Resident to report on the Sites &c for Cholera Camps.

The Deputy Surgeon General and the Senior Medical officer Mysore Government did not attend the meeting which consequently convicted of the Assistant Quarter Master General, the Resident Surgeon and myself.

With

With reference to the Sites we are of opinion that any spot about Survey Nos 32, 36, 40 beyond Ulsoor would be unobjectionable except perhaps to people passing by.

The site on which the Cholera Camp beyond Ashwathnumanahully (near No. 60) was Erected, was selected by a Committee consisting of Meheine of the Acting President, Acting Residency Surgeon and by the Assistant Quarter master General, So that should it be deemed necessary to open a Camp there again, the site seems already to have been approved of by Competent authority.

I have already in letter No. 1386. of 4 November 1885 Expressed a strong opinion against these camps and in favour of the Money being Spent

and

and people treated at their own houses but I did not then know that Doctor Dolman was equally against these camps.

During the recent outbreak of Cholera from May to August 1888. there were 57 deaths (Vide the Municipal Returns). From the Sanitary Inspectors reports I find that in over 40 cases, they did not get information till after death while in some cases where information was given, it was too late, the Sufferers being in a State of Collapse.

Name the honorable the
Chief
Gama Mohamed Hermanbhoy
President and Commissioner
Mr the Bangalore

1886.

From

The President

Municipal Commission,

Civil and Military Station,

Bangalore.

To

The Assistant to the Resident in Mysore,

Bangalore.

Dated
Despatched } 28 January 1886.
Received

Enclosure No. 1.

General No 1899.
No.

Forwards a report of the Committee on the Municipal Cholera Camps.

Proceedings of a Committee assembled at the request of the Resident to report on Sites for Municipal Cholera Camps.

Present.

Col: Swinley.
Asst: Qr Mr Genl
Surgeon Major Dobson
Residency Surgeon.
Major Maltby.
President Mr Comm.

Absent

Dy Surgeon General
Lieut. A. M. S.
Surgeon Major Mc Gan

1. The above Committee met pursuant to notice this morning at 7. 30. Am. at the Old Madras Road below Ulsoor close to Nos 32 and 36.

2. The members who were present were unanimously of opinion that the Establishment of Cholera Camps is unnecessary in the case of outbreak of ordinary Severity for the reason given below-viz-

a. that Experience has shown that the Establishment of these camps

frightens people they fearing to be Compelled to go to them in case of Sickness and consequently they will not report cases of Sickness, the result being that people die untended in their houses.

Though this may appear Extraordinary it is absolutely the Case.

b. that their Establishment i.e. Cost of acquiring land, Erection of buildings, purchase of furniture, wages of Servants &c. will Entail great and (in the Committee's opinion) needless Expenditure on the Municipality.

c. that though it is possible to get suitable sites within a moderate distance (½ a mile or so) of Ulsoor and within a not impracticable distance (1 mile or so) from Shalay, Camps there would be at too great a distance to send

Note by Mapp Malthy.
"out of 57 deaths in the Camp on the the San[t] Inspectors were not informed of the attacks in 40 cases till after death: i.e. I mean that the people when questioned had denied there being cases in their house and all from fear of being sent to a Camp.

Send patients to from Black-
-pully, the General Bazaar &c.
which are the most populous
parts of the Station while owing
to the circumscribed area of
the Civil and Military Station
a Site for a Cholera Camp
cannot be obtained in proximity
to the localities above referred to,
without being situated in the
water shed of the Ulavar tank,
while if a Site outside Station
Limits is selected, the distance
becomes too great for the Camps
to be resorted to.

3. In Support of their Contention the
Municipal Committee would
draw the Residents attention to the
fact that though during the recent
outbreak of Cholera, Camps were
constructed about No: 60. behind
the Kuthumunnaikully and began

the Hindu Cemetery at Moothoo-campan-
halliam near Boundary Stone 2;
No patients were treated therein for
Cholera, though there were frequent
cases among the Civil Population.
4. While therefore Condemning
the System of isolated Camps, the Com-
mittee would recommend that on the
outbreak of Cholera or Small-pox
Special medical Subordinates be
Entertained to visit people in their
houses, free of charge. Experience
Shows that people will eagerly seek
for medical aid if it is put within
their reach in this method and also
that they will use disinfectants &c
and will themselves apply for aid.
5. In the opinion of the Committee
this method of Combatting Epidemics
will be found more effective and
more Economical and therefore they
recommend it Especially as it is
Covenant with the habits &c of
the

this will answer as well as another.

10. It may be that while agreeing with the views of the Committee the Resident should think it necessary to start camps as a precautionary measure, but this, it is urged, will do great harm, as people will be suspicious and will believe (notwithstanding anything that can be said to the contrary) there is some determination to send them to the camps.

11. Should the Country be overtaken by another famine like that of 1876-78 when thousands from outside flocked into Bangalore it would of course be essential to open out camps as these wanderers have no homes wherein they can be treated but in the opinion of the Committee it will be time enough to consider this when occasion arises.

12. Finally the Committee is of opinion

opinion that in any case it would not be desirable that patients from the Pettah should be brought through the station to Municipal Camps.

Mr Kirk agree.

13. The point having been mooted in letter No: $\frac{2264}{230}$ of 14 November 1885 (para 6) from the Assistant to the Resident to the President, Municipal Commissioners and being again referred to in para 3 of letter No: $\frac{56}{230}$ of 12 January 1886 from the Assistant to the Resident the Committee records its opinion assuming that the Pettah Municipality and the Medical Officers of the Mysore Durbar will make their own arrangements

Special No: 18.

G Stanley Colonel.
Asst Q.M. Gen. B. D.

A.P. Maclean Surgeon Major
Residency Surgeon.

Commanding Major
Presidency Troops
Cantt Bangalore.

Submit to me with report A & b.p. CJ 3.2.86 Mercara. J. Hill 3-2-86

Dear Mr Gridleston

I have received in reply the Report of the Committee on the selection of Cholera Camp sites.

Since then, I met Dr Farrand who said he had started to join the Committee but had not known the place of meeting. He added that in his opinion it was useless to have Cholera Camps unless you could ass

did compel sick people to go to them. If that could not be done effectually it would be far better to cease. Medical subordinates to treat the people in their own houses, as if you attempted to compel people to go to a Camp without having the power of carrying out your intention. You would be said make people conceal cases & so add to the diseases &c -

In fact he took just the view of the case that we recommitted to you & he added that if asked, he would give his opinion. As our report was despatched, I mention this in case you may wish to write to him on the subject -

Yours truly
Alexander

30 January/86.

"G. W. Clarke
Forgot to send over a letter I had written about the F in. It tell. Today
At the Board Meeting

today, the Comm
decided that they did
not see their way to
taking up the Jerom-
-hulli tank at the
price fixed Rs 60000 or
unless Govt would
contribute largely towards
its purchase.
The owner does not want
to insist on our taking
it but asks for an
early reply.

No. 577/2305 Dt/13th March 1886. 28

To The President

C & M. Stn.

Bangalore.

Sir.

I have the honour to acknowledge the receipt of Your No 1899 dated January 28. 1886 & Encl & in reply to make the following remarks.

Sl. 26

2. In the reasons given in the first part of para. Graph 10 of Your No 1386 dated November 4th 1885 & in para. Graph 11 of the Report received with Your letter under acknowledgment it seems to the Offg Resident that it would be desirable to have one or more sites set apart for cholera & small pox

Sl. 16

camps in connection solely
with the C L M Sts of Ban-
galore. Were we to wait
till the sudden onrush of
starving & diseased patients
in a time of scarcity compelled
such accommodation to be provided
~~[illegible]~~ there might be difficulty
enough in assuming suitable
plots of ground. Consequently in
Mr. Fiddlestone's opinion it
would be well, whilst there
is the opportunity for care-
ful selection, to decide
upon sites in a quiet unob-
trusive way, so as not to
excite suspicions, & to reserve
them for the purpose in which it
may ultimately be necessary
to utilize them. In what Jon

have urged about the treatment of infectious cases, as far as possible, in the patients' own houses Mr. Fiddlestone generally agrees. But nonetheless does he think that the interests of the Lowelers should be duly arranged for beforehand.

3. You are requested to communicate these observations to the Asst. & M S & the Residency Surgeon & to enquire whether they see any objection to the timely taking of the safeguard herein advocated. Mr. Fiddlestone would also be glad if You would seek the opinion of the Deputy Sur.

Genl Genl of the Senior
Surgeon Mysore on the present
aspect of the case under consi-
deration.

4. I am to take this oppor-
tunity of conveying to you
the expression of his fullest
acquiescence in the view that
it would be undesirable to
take patients from the Pettah
Hosp[l] the C & M. Sta to
Municipal camps.

J 7.3.86.

No. 578/2305

Office of the Resident in Mysore.
Bangalore 13th March 1886.

To,
Major General Hugh Rowlands V.C. C.B
~~The~~ General Officer Commanding
The Bangalore Division.

Sir,

Referring to No. 350 dated November 17th 1885, from Colonel W.G. Andrewes, R.H.A, I ~~have the honour to~~ enquire whether the huts from Baderhully have been removed to the new site for a Military Cholera camp in the North-East corner of the Sappers' Parade Ground, and if not ~~I would be~~ ~~obliged if you would move in the matter at once~~ enquire whether it may be hoped that this step will be taken.

I am desired by the Officiating Resident to

Their removal may be expected

I have the honour to be,
Sir,
Your most obedient Servant,

Asstt. to the Resident.

JRJ.

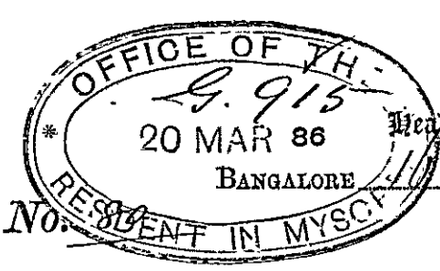
Q.9

To The General
Commanding
The Bangalore Divn

Sir.

Referring to No 350
dated November 17th 1885
from ~~the~~ Colonel W. J. Ander
R. H. A. I have the honour
to enquire whether the huts
from Baderhully have been
removed to the new site for
a ~~Cholera~~ Sanitary cholera camp
in the N E corner of the
Sappers' Parade Ground, or
not. I would enquire when it
may be hoped that this step
will be taken. 7.3.86

Sl 20.



No. Head Quarters, Bangalore Division,
19th March 1886.

From

MAJOR-GENERAL HUGH ROWLANDS, V. C; C. B;

Commanding Bangalore Division.

To

The Assistant

to the Resident

Sir,

In Continuation of letter No. 350 dated November 17th 1885 from Colonel Andrews Royal Horse Artillery and in reply to your No. 578/2305 dated March 13th 1886 I have the honor to inform you for the information of the Offg. Resident, that the huts from Baderhully have not yet been removed to the newsite at the North East corner of the Sapper Practice ground.

2. After some delay in obtaining the Plans and Estimates from the D. P. W. for the removal

and

and rebuilding of the Huts; the same were submitted to the Quarter master General for approval and allotment of Funds, but were returned as the Estimates were considered Excessive.

3. As some further delay will probably occur if the Plans and Estimates are resubmitted and even if the Estimates are sanctioned the allotment of Funds being very remote, I have made other arrangements to have the huts removed and rebuilt on the newsite at once.

I have the honor to be

Sir,

Your most Obdt Servants

Hugh Rowlands Major-Genl

V.C. Commanding Bang. Divisn

OFFICE OF THE
1068
30 MAR 86
RESIDENT IN MYSORE

No. 2308 K 4 Cs

21

OFFICE OF THE MUNICIPAL COMMISSION,
CIVIL AND MILITARY STATION,

Bangalore 29th March 1886.

From

THE PRESIDENT,
MUNICIPAL COMMISION,
CIVIL AND MILITARY STATION,
BANGALORE.

To

THE ASSISTANT TO THE RESIDENT IN MYSORE,
BANGALORE.

SIR.

In reply to your letter No: 577/2305 dated 13th instant I have the honor to forward letters received from the Officers therein referred to on the subject of sites for Cholera Camps &c.

If the Resident decides to establish these places at once, I would suggest that the sites referred to in my letter No: 1899 of 28th January 1886 be selected.

They are both out of the water shed of the Ulsoor tank and by consequence unobjectionable.

No site can be selected for Blackpully and the General Bazaar (which are the most important

parts

limits of the Station) unless we
go beyond the limits of the Civil
and Military Station.

If we do this, land can
be obtained though it will be
at some distance.

I have the honor to be
Sir
Your most obedient
[illegible]
Quartermaster
Quartermaster Corps
Fort Sam Houston.

188 6.

From

The President

Municipal Commission,

Civil and Military Station,

Bangalore.

To

The Assistant to the Resident in Mysore,

Bangalore.

Dated
Despatched } 29th March 1886
Received

Enclosure No. 4

General No 2308

No.

Forwarding letters received from Cantonment of the Officers on the subject of rules for Cholera Camps &c

J. Hu
30-3-86

Sanitary

31.4

No. 213/M.

The Asstt: Quart: Mastr: General
Deputy Surgeon Genl's: Office. B.D.
H. M's Forces, Bangalore Stn: & Ceded Dists:
Bangalore, 16th March, 1886.

From

The Dy: Surgeon Genl: H. M's Forces,
Bangalore Stn: & Ceded Dists:

To,

The President,
Municipal Commission,
Civil and Military Station,
Bangalore.

In reply to your Memorandum No: 2223. dated 15th Instant, enclosing Copy of a letter No: 577/2365 dated 13th Instant, from the Assistant Resident on the subject of Sites for Camps for infectious diseases, such as Cholera and Small pox. I fully concur in the opinion of the Resident, that Sites for the isolation of cases should be selected at once and the frame work of huts erected without delay, the flooring and uprights made of Stone, the roofs tiled

Signed J. Swaine Lt. Col:
Asstt: Dy: Surgeon Genl's 10 Stns

tiled, sides, ends, and doors, made of matting, easily put up when necessary, and burnt when no longer required; and to prove the utility of these places of isolation for the arrest of the spreading of infectious diseases. I strongly recommend the Municipal Commission, to appoint a Competent and experienced Medical man as their Sanitary adviser, who would decide that it was absolutely necessary on Sanitary grounds, when such cases manifest themselves in crowded localities that they should be removed, for the benefit of the inhabitants themselves, and the community at large, and as I am given to understand that the municipal authorities have no power to remove such cases, I would strongly recommend that they should take the necessary steps to obtain the same.

(Signed) Thomas Farrant,
Dy. Surgeon General,
H. M's Forces.

Asst: Quartermaster Genl's Office
Bangalore Dt.
Bangalore

Bangalore 19th March 1886

No. 309.

From,

The Asst: Quartermaster Genl:,
Bangalore Division.

To,

The President,
Municipal Commission,
Civil and Military Station,
Bangalore.

Sir.

With reference to your No: 2221 dated March 15, 1886, forwarding copy of letter No: 577-2305 dated 13th March 1886, from the Assistant to the Resident, requesting the favour of an expression of my opinion regarding the selection of sites for Cholera and Small pox in connection with the Civil and Military Station of Bangalore, I have the honour to state that, I consider the mere fact of any site being set apart for epidemic camps for the Civil population would at once deter them from reporting epidemic diseases

diseases in their houses, and from seeking medical advice, through fear of being sent off to these selected sites, they will never believe that these sites were selected for a Famine and disease stricken people from our districts in the dim future.-

2. I do not think that the inrush of starving and diseased persons in the time of a Scarcity would be so sudden that arrangements could not be made beforhand for sites for camps in the neighbourhood of the Station and land would probably be more easily acquired on the occasion of a Famine occurring, of which there generally seems to be ample warning.-

3. The inhabitants of the civil and Military Bazaars now already over Crowded, would them (on disease or Scarcity taking place) see for themselves the urgency of keeping outsiders out of the place; and sites would be freely given.

I

I have the
Signed G. Swinley
Lt: Coll:
Asstt: Qrs: Mr: General
R. D.

Senior Surgeon's Office,
Mysore Govt:,
23rd March 1886.
Bangalore.

No. 344.

To,

The President,
Municipal Commission,
Civil and Military Station,
Bangalore.

Sir.

With reference to your No. 2224 dated 15th Instant with enclosure, and your No: 2241 with enclosure, I have the honour to state in reply that, I entirely agree with the opinions expressed in the Assistant Resident's letter No 577-2305 of the 13th Instant as to the advisability of acquiring a site or sites for camps, for Cholera

Should

Small pox and such diseases, and further I would advise the erection of at least one shed, similar to those attached to the General Hospital at Bryans for infectious diseases, to be ready in case of emergency which can be erected, dismantled and re-constructed at trifling cost.

I agree with the recommendation expressed in para 4 of the Proceedings of the Committee as to the advisability of affording ample medical aid to people in their own houses but this, in my opinion is not enough, as it leaves unprovided for travellers, wanderers, and persons who have no houses and who are frequently the carriers and importers of disease from other localities, and neither is it incompatible with the necessity for the timely acquisition of sites for Camps and the erection thereon of a shed such as above referred to.

It is perfectly possible I admit that the Selecting of these

camps

Camps &c would frighten the people, but if done in the manner indicated by Mr. Girdlestone in para 3 of the Assistant Resident's letter above referred to, this is not probable.

During the Cholera outbreak in the Pettah last year several of the very poor with very limited house accommodation, and who had not the means to provide themselves with the necessary nourishment ~~and~~ and other things, were glad to go to the Cholera sheds erected by the Municipality to the West of the Fort. These sheds, I may remark, are still there and can be made available at any time in a few hours for the reception of patients, and it is a satisfaction to those immediately concerned to know that.

Expensive buildings and expensive furniture are neither desirable nor necessary, the simplest and cheapest that are

Compatible

compatible with efficiency are what are wanted, so that they may be destroyed and replaced at small cost.

From the remarks under sub. head -b, para 2 of the Proceedings the Committee are aware of the necessity, if such camps are selected to have them within practicable distances of infected localities and they are also alive to the extreme necessity of safeguarding the water supply from pollution and in connection with this latter point, I shall only ask the Committee what may become of the discharges from Cholera patients in Blackpully and the General Bazaar treated or untreated in their own houses, both localities being in the watershed of the Nilsoor Tank.

I have &c

Signed J. J. McGauran

Senior Surgeon

Mayo Sore Govt.

From

~~From.~~ 31. b

The Residency Surgeon
in Mysore,
Bangalore.

Do.

The President, Municipal Commr.,
Civil and Military Station,
Bangalore.

Dated 19th March 1886.

No. 496.

His No: 2222 dated 15th Instant.

In reply has the honour to inform that he considers it would be desirable Convene a sub-Committee of the Medical officers referred to in Assistant Resident's letter No: 577/2305 dated 13th March 1886, for the purpose of conjointly selecting sites for Cholera and Small pox Camps in the Civil and Military Station of Bangalore. Should this suggestion however, be impracticable, on receipt of reply from the President Municipal Commission, the undersigned will furnish him with

an

an Expression of his views on the Subject as requested in para 3 of the Assistant Resident's letter under reference.

(Signed) A. F. Dobson
Residency Surgeon.

"Office Copies"

Received 5 Pm
6th.

RESIDENT'S OFFICE.

( )

Dated, 12th April 1886.

Serial No.

[DRAFT.]—For approval.

No. 995/2305 Encs 4.

To.

The President, Municipal Commission
& the Station of Bangalore.

Sir,

I am directed to acknowledge
Sl. No. 31 the receipt of your letter No. 2308 dated
29th March 1886 and enclosures,
on the subject of sites for the Municipal
Cholera and Smallpox Camps.

2. In reply, I am to inform you
that the Offg Resident would like ~~that~~
the sites for the Camps in question ~~are~~
Sl. No. 28 taken up in the way enjoined in
para 2 of letter No. 577/2305 dated 13th March
1886 from this Office, and that he will
gladly accept whatever sites you and
the Residency Surgeon agree on. As
regards Blackpally and the General
Bazaar, Mr. Gribbleston is of opinion
that there is no object in taking up
sites for them at a distance outside of the
~~Resident's~~ jurisdiction ~~limits~~, it
being his wish to provide for an
influx of outsiders in time of
scarcity rather than for the habitués

of the L & M Station concerning whom he has already expressed his concurrence with your view that they are better treated at home. Para 2 of St. No. 28

3. It is assumed that sheds such as Dr. Tarrant describes in his letter No. 213/M dated 16th March 1886 to your address can easily be erected in a day or so in case of necessity, ~~and~~ the Offg. Resident therefore thinks that no action in regard to sheds seems called for ~~at present~~. St. No. 31.A

4. In enclosing, I am to say that Mr. Lyddestone would be obliged if you would answer the question raised by Dr. Melgaum in the last paragraph of his letter No. 344 dated 23rd March 1886 in regard to the disposal of discharges from cholera patients in Blackpally and the General Bazaar, and ~~if you~~ would let him know the nature of such answer. St. No. 31. C.

5. The enclosures of your letter are herewith returned. St. No. 31

I have, &c.,

Office. Please return A–D of Encls: of St. No. 31 for reference.

Jr Asst to the Resident

M.
7-4-86.